



Fluorine-fluorine type II versus $\pi F-\pi$ stacking interactions in the supramolecular organizations of extended thiophene derivatives end capped by imino-perfluorophenyl units

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Résumé en anglais	The solid state arrangements of extended thiophene derivatives associating pentafluorophenyl units linked via azomethine bonds are analyzed in terms of intermolecular interactions involving hydrogen and halogen bonds and $\pi-\pi F$ interactions. It is shown that in the presence of the shortest conjugated systems, the structure is driven by $F\cdots F$ type II contacts giving orthogonal disposition while the lengthening of the conjugated backbone favors parallel arrangements via $\pi-\pi F$ interactions.
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Liens

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